

**UNBUNDLED ACCESS TO THE LOCAL LOOP
REFERENCE OFFER, Part 1: Full Unbundled Access to
the Local Loop**

CONTENTS

DEFINITIONS

A. FULL UNBUNDLED ACCESS TO THE LOCAL LOOP REFERENCE OFFER

1. PURPOSE
2. CONFIDENTIALITY PRINCIPLE & AGREEMENT
3. CONDITIONS FOR UNBUNDLED ACCESS TO THE LOCAL LOOP
4. TECHNICAL CONDITIONS FOR ACCESS & USE OF LOCAL LOOPS
5. ORDERING AND SUPPLY PROCEDURES
6. PROCEDURE FOR THE PROVISION OF UNBUNDLED LOCAL LOOPS
7. SCHEDULED & UNSCHEDULED WORKS
8. INTEROPERABILITY CONTROL PROCEDURES
9. LOCAL LOOP AVAILABILITY RESTRICTIONS
10. DURATION OF PROVISION OF UNBUNDLED LOCAL LOOP
11. FINANCIAL TERMS

B. COLLOCATION SERVICES

1. INFORMATION REGARDING THE ACCESS POINTS TO THE UNBUNDLED LOCAL LOOP
2. TYPES OF PROVIDED COLLOCATION
3. QUALITY CHARACTERISTICS OF THE LINE

4. LIMITATIONS – CHARACTERISTICS FOR THE COLLOCATION EQUIPMENT
5. ACCESS SECURITY
6. PERSONNEL SAFETY
7. INSTALLATION SAFETY
8. PROCEDURE FOR THE DISTRIBUTION OF THE COLLOCATION AREA
9. INFORMATION SYSTEM

- | | | |
|----------|------|------------------------------------------------------------------------------------------|
| APPENDIX | I: | PHYSICAL COLLOCATION SPECIFICATIONS |
| APPENDIX | II: | PRIVATE CONFIDENTIALITY AGREEMENT |
| APPENDIX | III: | MEASUREMENTS THAT CAN BE PERFORMED BY OTE AT THE LOCAL LOOP |
| APPENDIX | IV: | APPLICATION FORMS |
| APPENDIX | V: | PRICES / PRICING METHODOLOGIES FOR FULL UNBUNDLED ACCESS TO LOCAL LOOP FOR THE YEAR 2001 |

DEFINITIONS

Words or phrases used in the present Reference Offer of Unbundled Access to Local Loop, (Part 1: Full Unbundled Access to Local Loop), have the meaning which is attributed to them by the Regulation 2887/2000/EC of the European Parliament and Council, or in the relevant secondary law of the European Union, -in the case they are not included in the previous regulation, No 2867/2000.

A. UNBUNDLED ACCESS TO THE LOCAL LOOP REFERENCE OFFER

1. PURPOSE

The present Reference Offer of Unbundled Access to the Local Loop, Part 1: Full Unbundled Access to the Local Loop (hereafter Offer), is issued in application of the Regulation 2887/2000/EC and concerns the obligation of OTE to grant the beneficiaries Full Unbundled Access to the Local Loop.

It is noted that the present offer refers only to full unbundled access to the Local Loop.

The issues of Shared Access to the Local Loop are not included in the present Offer. They will be examined in a second part of the Reference Offer of Unbundled Access to the Local Loop, titled "Shared Access to the Local Loop", which is about to be issued.

2. CONFIDENTIALITY PRINCIPLE & AGREEMENT

A significant part of the information regarding the access network of OTE is of confidential nature for commercial purposes, as well as for purposes of public security.

Therefore, the Beneficiaries are committed not to grant to third parties or to affiliated businesses any information regarding the detailed architecture & topology of the network, which they may exchange before, during the negotiation or after the termination of this agreement.

According to this principle, a confidentiality agreement is signed, between OTE and the Beneficiary. (Appendix II)

3. CONDITIONS FOR UNBUNDLED ACCESS TO THE LOCAL LOOP

3.1 Elements of the OTE network that procure access to the local loop:

- √ OTE Main Distribution Frame/MDF, hereby MDF
- √ Outdoor Distributor (especially KV)

3.2 Provision of Information by OTE

3.2.1 In the context of the provision of Unbundled Access to the Local Loop, OTE provides the following generic information:

- A List (general enumeration) of Local Exchanges (LEX) in the wider areas of interest of the Beneficiary and generic information for these Local Exchanges, which may include:
 - LEX limits: Geographical LEX limits or the minimum number of digits, which according to the National Numbering Plan (ESA), are required to specify which LEX a subscriber belongs to.
 - Mean/maximum length of Local Loop or mean weighted distribution of Local Loop length (as long as this data is available)
 - Standard information for the telecommunications network (e.g. nominal values of Local Loop characteristics)
 - Availability of Collocation areas and type of Collocation (the Collocation type may refer to "internal - readily available", "internal - under construction", "external - land available", "non-available at the OTE site")
 - Description of procedures and conditions related to Unbundled Access to the Local Loop

The abovementioned information is supplied without the need of previous confidentiality agreement.

3.2.2 In the process of negotiating an Unbundled Access agreement, OTE after request by the Beneficiary and since the relevant confidentiality agreement has been signed, provides for every Local Exchange that includes a Central or Outdoor Distributor that serves an area in which the Beneficiary requests Unbundled Access, the following updated information:

- Information regarding the typical characteristics of the wires, including their type and quality.
- Characteristics of the available Collocation (air-conditioning, uninterrupted power supply, security, etc.).
- The physical location (address) of the MDF and / or the outdoor Distributors.
- Standard spectrum masks.
- Information regarding the characteristics of the Local Loops and any known restrictions (perturbations and incompatibilities), if this information is available.
- Any available xD.S.L. test results.
- Total number of useable Local Loops and number of Local Loops being used.

- Any anticipated space restrictions for expansions of the Central Distributor, provided the relevant information is available as a result of a previously compiled technical investigation.
- Access type recommended by OTE, such as:
 - o Physical space collocation (distance, type and size of wire (number of twisted pairs of metal wires)), or
 - o Remote collocation (wire entry points and available capacity distance, type and size of wire (number of twisted pairs of metal wires)), or
 - o Virtual collocation.

3.2.3 Any expected changes to the paragraph 3.2.2 must be announced in due course, not less than two (2) months before the respective change. Changes that include civil engineering works must be announced earlier.

Any unexpected changes must be announced promptly (as soon as the respective need for these changes appears).

3.2.4 After a Beneficiary's request, OTE performs line quality tests to a specific twisted pair of metal wires that serves a specific user (for which the beneficiary has submitted a request for local loop unbundling), provided these tests have not yet been carried out and gives the beneficiary the relevant results. The cost of these tests burdens the Beneficiary.

4. TECHNICAL CONDITIONS FOR ACCESS & USE OF LOCAL LOOPS

4.1 Beneficiary's equipment specifications

The beneficiary's equipment should be compatible with the relevant European and International standards, especially the ETSI and ITU standards, indicatively mentioned below:

ETSI standards: TR 101 728 V1.1.1(2000-12), TR 102 139 V1.1.1(2000-06), ETR 152 ed.1(1995-02), ETR 152 ed.2(1995-06), ETR 152 ed.3(1996-12), ETR 328 ed.1(1996-11), TS 101 135 V1.4.1(1998-02), TS 101 135 V1.5.3(2000-09), TS 101 270-1 V1.2.1(1999-10), TS 101 388 V1.1.1(1998-11), TS 101 524-1 V1.1.1(2000-04), TS 101 524-2 V1.1.1(2000-06).
 ITU standards: G992.1, G991.1, G922.2, G992.2, G994.1, G995.1, G996.1, G997.1.

4.2. Beneficiary's equipment characteristics

The beneficiary should notify OTE for basic parameters and technical characteristics of the beneficiary's equipment, which is essential for network management and collocation.

Specifically, the following should be notified to OTE:

- Upper limit of the transmission power of the beneficiary's DSL transceivers
- Method of modulation of the modems (code)
- Required electrical power of the installed equipment, in the case of physical or virtual collocation
- Thermal losses of the installed equipment, in the case of physical or virtual collocation
- Technical specifications of the wires connected to the distributors

5. ORDERING AND SUPPLY PROCEDURES

5.1. Application for the Manifestation of Interest - Provision of Information

The interested Beneficiary should submit a written manifestation of interest to achieve an agreement of Full Unbundled Access to the Local Loop (appendix IV).

By this application, the Beneficiary notifies OTE about the areas in which the Beneficiary intends to provide Full Unbundled Access to the Local Loop. In order to attain the information in paragraph 3.2.1, the abovementioned areas should be specified in the relevant document, in a prefecture or municipality level. In order to attain the information in paragraph 3.2.2, the determination of specific Local Exchanges is also required.

5.2 Confidentiality agreement

The Confidentiality Agreement covers the information of paragraph 3.2.2 exchanged in the process of cooperation between the two parties, which are confidential.

The Beneficiary must submit the agreement to OTE, signed by the legal representative of the company, before the abovementioned information is disclosed.

5.3 Provision of information

5.3.1. The information is sent within a period of five (5) working days from submission of the relevant application of the Beneficiary, with the reservation of the obligation of the Beneficiary to sign a relevant confidentiality agreement for the information of paragraph 3.2.2. For the request of provision of the information of paragraph 3.2.2, no previous application for the provision of information of paragraph 3.2.1 is needed.

5.3.2 For information regarding the present offer template, the interested parties may refer to:

OTE SA.

Directorate of Competition and Pricing Policy
Sub-directorate of Telecom. Providers
OTE, Kifissias 99, 151 25
Maroussi, Fax 661 8001

6. PROCEDURE FOR THE PROVISION OF UNBUNDLED LOCAL LOOPS

The application for the provision of a Local Loop may concern:

- An active twisted pair of metal wires, which provides Telecom. Services to existing OTE subscribers.
- An inactive twisted pair of metal wires, which is not used for Telecom. Services provision.

6.1. Application for the provision of a Local Loop

6.1.1. The Beneficiary submits the provision request for the Loc.L. (appendix IV) to the relevant Agency and gets a protocol number.

6.1.2 The application for provision of an active Loc.L. includes the written authorization-statement of the end user towards the Beneficiary, by which the user requests the transfer of the usage of twisted pair of metal wires installed by OTE to the Beneficiary.

The authorization of the customer for a change of use of an existing twisted pair of metal wires signifies that the customer wishes to quit the services provided by OTE through this wire, and therefore is equal to a request for termination of subscription for all services provided by OTE via the specific wire.

With the present authorization-statement the customer commits to paying the final bill that will be issued for the services rendered by OTE until the date of termination and has the obligation to return to OTE any terminal devices (property of OTE) that were installed by OTE in the customer's premises in order to facilitate the provision of services.

6.1.3. The requests are fulfilled in chronological order, according to the date of submission.

6.1.4. OTE replies within ten (10) working days, notifying the Beneficiary whether the selected Local Loop is appropriate for unbundled access.

6.1.5 Immediately after OTE has responded to the request of the Beneficiary, and in the case the response is positive, the order is finalized with the signing of the relevant agreement for unbundled access between OTE and the Beneficiary.

6.1.6 Within ten (10) working days from the finalization of the order, OTE executes the order and hands over the twisted pair of metal wires to the Beneficiary.

The provision of a twisted pair of metal wires includes the termination to the Intermediate Distributor and its maintenance. It may, after a relevant request of the Beneficiary, include the testing of the pair for which the unbundled access is provided, and which will be charged.

At least two (2) working days before the termination of the works for the delivery of the Loc.L, OTE notifies the Beneficiary by fax about the date of availability, which coincides with the termination of the works.

6.1.7 The Beneficiary is obliged to certify in writing the date of receipt of the Local Loop within three (3) working days after the availability date, or else it is considered that the Beneficiary accepts the delivery of the Local Loop from the availability date on, according to the abovementioned under 6.1.6.

6.1.8 OTE and the Beneficiary take all necessary measures to minimize the interruption of the telecommunication services provided to the user via the pair that is being given unbundled access.

6.2. Application for the provision of an inactive Local Loop

6.2.1. The Beneficiary submits the provision request for the Loc.L. containing the user's address (appendix IV) to the relevant Agency and gets a protocol number.

6.2.2. The requests are fulfilled in chronological order, according to the date of submission.

6.2.3. OTE replies within ten (10) working days, notifying the Beneficiary whether the requested Local Loop is appropriate for unbundled access.

6.2.4. Immediately after OTE has responded to the request of the Beneficiary, and in the case the response is positive, the order is finalized with the signing of the relevant agreement for unbundled access between OTE and the Beneficiary.

6.2.5. Within ten (10) working days from the finalization of the order, OTE executes the order and hands over the inactive twisted pair of metal wires to the Beneficiary.

The provision of a twisted pair of metal wires includes the termination to the Intermediate Distributor and its maintenance. It may, after a relevant request of the Beneficiary, include the testing of the pair for which the unbundled access is provided, and which will be charged.

OTE will perform any required bridging works between the main and the outgoing network at the outdoor distributor.

6.2.6.

6.2.6.1 At least two (2) working days before the termination of the works for the delivery of the Loc.L, OTE notifies the Beneficiary by fax about the date of availability of the Local Loop, which coincides with the termination of the works.

6.2.6.2 The Beneficiary may refuse to accept the specific twisted pair of metal wires, in the case that testing performed by the Beneficiary or OTE reveals that the technical characteristics of the provided twisted pair are not according to the specification of its manufacturer.

6.2.7 The Beneficiary is obliged to confirm in writing the date of receipt of the Local Loop within three (3) working days after the availability date, or else it is considered that the Beneficiary accepts the delivery of the Local Loop from the availability date on, according to the abovementioned under 6.2.6.

6.2.8. The inactive Loc.L must be used within a period of three (3) months from its delivery to the Beneficiary, or else OTE may cancel the order and make it freely available.

OTE reserves the right to check whether the Beneficiary undergoes exploitation of the Local Loop. The terms of the check are a matter of special agreement with the Beneficiary, who reserves the right to be present during its conduct.

6.3 Troubleshooting procedures

6.3.1. During network maintenance, OTE keeps the loops of the access network in such a condition as to support services specified in OTE's Universal Service obligation, with the reservation of terms specified in the Service Level Agreements concluded with the Beneficiaries.

OTE is liable for:

- √ Detecting and checking for interferences
- √ Intervening to solve any problems related to malfunctions of the local loops.

6.3.2. In order to solve problems related to loops used by Beneficiaries, OTE recommends observing the following procedure:

√ Initially the Beneficiary checks whether the reported failure comes from the User's installations, or from the part of network between the Intermediate Distributor and the active equipment of the Beneficiary.

√ In case such an error is not detected, the failure is announced by the Beneficiary to the technical support center of the telecommunications area in which the central OTE distributor resides and the Local Loops of the Beneficiary are connected. The notification will include all data necessary to identify the failure, as well as any measurement results that might have been collected by the carrier.

√ Acknowledgement of the problem and identification of possible remedies by OTE. In addition, OTE prepares a written report, which is sent to the Beneficiary.

6.3.3. According to the principle of non-discrimination, OTE is obliged to deal with failure reports by the Beneficiary in the same manner that OTE deals with such reports made by all customers.

6.3.4. The deadlines OTE follows when fixing a failure cannot be greater than those applied at OTE's own services, or to affiliated companies, with the reservation of terms mentioned in the specific Service Level Agreement concluded between OTE and the Beneficiary.

6.3.5. In case the duration of the verified failure is greater than six (6) hours monthly for the execution of the necessary maintenance works, which will be programmed in such a way as to cause the minimum possible disturbance to the users and only if absolutely necessary for the execution of the above-mentioned works, the Beneficiary may ask for the credit of the corresponding fees for the period of the verified failure. The above apply with the reservation of any terms specified in the Service Level Agreement with the specific Beneficiary, which may allow for the right to credit fees for a failure of less duration.

7. SCHEDULED & UNSCHEDULED WORKS

7.1. Scheduled work is considered the activity in a local loop or on active / passive equipment at the terminal point of the network at the customer's premises or the Central or Outdoors OTE distributor, which:

- is known and planned for, beforehand and
- can put the local loop out of order, or influence temporarily the quality of service offered by the Beneficiary to the customer, or cause temporary interruptions to its provision.

Scheduled works include: Center expansions, cutovers, upgrades of the subscriber's network, and any testing procedures, measurements and local loop maintenance.

7.1.1. Every intervention and alteration of the condition of the access network loop, falls under the jurisdiction of OTE.

7.1.2. OTE reserves the right for interventions and formation of the condition of the loops in order to upgrade the capabilities of the access network, and support of new or existing services.

7.1.3 OTE reserves the right to conduct measurements and tests, which are possible to cause disturbance to the support of xDSL services, with the reservation of paragraph 7.2.

7.2. OTE will notify the Beneficiary in writing and within a reasonable period of time for all the scheduled works (according to all above in 7.1), which may interfere with the quality of the unbundled services provided, stating the exact

date and time, as well as the estimated duration of the works, the twisted pairs that will be affected by the work interruption, as well as the reasons that impose these works.

7.2.1. The scheduled works are performed on a specific day and time, after agreement with the Beneficiary.

7.2.2. In any case, OTE will make the best possible effort to minimize the interruptions on the Local Loop.

7.2.3. In cases of force majeure, it is possible to cause interruption of access to some, or all twisted pairs of metal wires. In this case, OTE notifies all Beneficiaries, verifying the problems in writing (by sending fax), and at the same time takes all necessary measures to restore normal function the soonest possible in a non-discriminatory way.

7.2.4. Force majeure includes: exceptionally severe weather, natural disasters, floods, fire, lightning as well as terrorist attacks.

7.2.5. Interruption of the access services can also happen due to third party works (e.g. road works).

7.3. In any other case that calls for restoration works of the network, OTE may suspend the access of a Beneficiary to the Loc.L. , as long as OTE has notified the Beneficiary by phone and has sent a relevant fax for verification, stating the nature of the failure, and the estimated time required for the restoration.

8. INTEROPERABILITY CONTROL PROCEDURES

For the installation and operation of the Beneficiary's equipment in the access network, the following procedures must be observed:

8.1 The beneficiary must present certificates from the equipment manufacturer regarding its compliance with certified European or International standards.

8.2 If the equipment does not fall into the category of the devices that comply with the requirement of the previous paragraph, a test installation in a laboratory environment of OTE must be carried out for a period of two weeks.

9. LOCAL LOOP AVAILABILITY RESTRICTIONS

The unbundled access to the local loop is not possible in the following cases:

9.1. In case Optical Fiber (OF) wires have already replaced copper wires, as part of FTTC technology that is developed and installed by OTE. More specifically, the copper wire is confined to the outgoing network from the ONU (KV) up to the subscriber, whereas the main network has been replaced by OF wires. In this case, OTE does not offer the section from the ONU until the Central Distributor.

9.2. For lines with active or passive equipment which can evidently cause interference to the transmitted signal. Such are the lines for which a subscriber frequency-carrier overlay or PCM has been set.

9.3. For lines connected to public phones (phone booths).

9.4. To maintain the required auxiliary space capacity at the local loop and for national security and / or emergency services.

9.5. In any case, OTE is responsible for presenting the specific reasons for which the provision of a particular loop is not possible. The rationale must be given in writing, within ten (10) working days after the submission of the relevant request of the Beneficiary.

10. DURATION OF PROVISION OF UNBUNDLED LOCAL LOOP

10.1. Unless a different agreement between OTE and Beneficiary has been made, the minimum time of service provision is twelve (12) months, and after this period the contract is renewed de jure for a year, as long as the Beneficiary continues to use the Unbundled pair and does not express in writing a wish to terminate the relevant contract with OTE. The modification of the financial terms of the provision for Unbundled Access to Local Loop by OTE is justified and permitted, as long as it does not conflict with OTE's cost orientation obligation.

11. FINANCIAL TERMS

11.1. As a start date for the billing for local loop unbundling services is considered the date of its availability, according to the abovementioned under 6.1.6. and 6.2.6, irrespectively if it is being used since that date.

11.2. From the date of provision of full Unbundled Access to Local Loop service the Beneficiary is obliged to pay the fees specified by the current OTE tariff.

11.2.1. The monthly fees for the provision of service, according to the tariff, are paid:

√ During the whole period of provision of service

√ from the date of temporary interruption of service due to debt, till the date that a notice of termination has been issued for the contract.

11.2.2. The fees are analyzed on the personal bill of the Beneficiary, which is sent to the address specified by the Beneficiary in the application and is paid on time.

11.3. In the case the Beneficiary questions the bill, the Beneficiary must request, in writing, from the competent area office within a month from the payment deadline, the examination / correction of the bill with the reservation of payment of the monthly fees.

11.4. If the Beneficiary does not pay the bill in schedule, OTE is entitled to the following:

a. After a written notification at least thirty (30) days in advance:

√ To temporarily interrupt the service to which the unpaid fee is referred to.

√ To suspend the interruption of service of the Unbundled Local Loop due to debt, according to conditions specified by OTE and incorporate the debt in a future bill or bills to the Beneficiary.

b. If the debt is not paid or an arrangement is not made for the payments within a period of sixty (60) days after the end of temporary interruption, and after written notification to the Beneficiary, OTE has the right to:

√ Permanently terminate the service

√ Issue a notice of termination of the present contract with the Beneficiary.

11.5. In the cases of fraud and payment out of schedule repeatedly or non payment, it is possible to definitively terminate service to the Beneficiary, without prior notice.

11.6. The monthly fees are prepaid with the issuing of bills. The monthly fees are calculated according to the terms in article 4, paragraph 5 of the Regulation for Costing and Pricing Principles (Decision EETT 211/3/16-3-2001). The connections charge is calculated according to the terms in article 4, paragraph 8 of the abovementioned Regulation.

11.7. The abovementioned amounts are superadded with the effective VAT.

11.8. For every day of delay to restore the failure beyond the specified deadlines, and only if this is the fault of OTE, the Beneficiary will be credited with the 1/30 of the monthly fees, according to paragraph 6.3.5, with the reservation of a different agreement with the Beneficiary, which allows for a greater amount.

B. COLLOCATION SERVICES

1. INFORMATION REGARDING THE ACCESS POINTS TO THE UNBUNDLED LOCAL LOOP

1.1. OTE provides the Beneficiaries with adequate information regarding data that formulate the provision of unbundled access service to the Local Loop.

1.2. The manifestation of interest for the provision of Collocation must be done in writing by the interested parties.

1.3. The Beneficiary submits to OTE a “Manifestation of interest / Application for Provision of Collocation information” (appendix IV) in order to obtain information for the available OTE centers at the Beneficiary’s areas of interest and the possibilities of collocation.

1.4. For every Local Exchange in which the Beneficiary is interested for a collocation, the Beneficiary must submit an application for a Technical Investigation for Collocation, as long as this has not already been carried out by OTE.

1.5. The Technical Investigation for Collocation includes the Physical and / or the Remote Collocation, according to the Beneficiary’s request. The Remote Collocation can be requested either independently, or as a subsidiary in case the Physical Collocation is not possible.

1.6. For every Central Distributor at the areas where the Beneficiary wishes to have Unbundled Access to the Local Loops, OTE supplies the Beneficiary with updated information regarding the:

i. Availability and type of Collocation (detailed plans of the area in the case a technical investigation has already been carried out for the specific Local Exchange the Beneficiary is interested in).

ii. Characteristics of the available Collocation (air-conditioning, uninterrupted power supply, security, etc.), technical limitations, terms and conditions of use.

iii. Conditions for access to the installations.

iv. Any test results for the specific center.

The abovementioned information under ii, iii, iv, are also supplied, after a relevant request of the Beneficiary, for every Outdoor Distributor at the areas where the Beneficiary wishes to have Unbundled Access to the Local Loops, as long as they are available.

1.7. As a result of the Technical Investigation, OTE sends to the Beneficiary a detailed offer in which the following information is included:

- i. Technical description of the work that needs to be carried out for the formation of collocation areas
- ii. Budget of the works
- iii. Recommended time-schedule
- iv. Number of Beneficiaries that exhibited interest for the specific center.

1.8. The abovementioned information under 1.6 as well as the offer (above, under 1.7), are provided within fifteen (15) working days after the submission by the Beneficiary of the Application for Technical Investigation for Collocation, only if no relevant technical investigation has been carried out for the specific Local Exchanges center, whereas the time period is five (5) days after the submission of a Manifestation of Interest / Application for the Provision of Collocation Information, if a Technical Investigation for Collocation has already been carried out for the specific Local Exchange.

1.9. The areas are allocated based on priority according to the date of submission of the relevant Manifestation of Interest / Application for the Provision of Collocation Information.

1.10. If the Beneficiary accepts the OTE offer, within five (5) working days, the Beneficiary must sign the relevant agreement.

1.11. The charge for the initial technical investigation burdens the Beneficiaries and is calculated according to the terms in article 4, paragraph 6, text a and b of the Regulation for Costing and Pricing Principles (Decision EETT 211/3/16-3-2001).

1.12. After the collocation agreement has been signed, OTE will start the relevant works, which will be completed according to the abovementioned time schedule of the Technical Investigation and –in any case- within a reasonable time period which is per center not more than three (3) months from the signing of a collocation agreement with at least one Beneficiary.

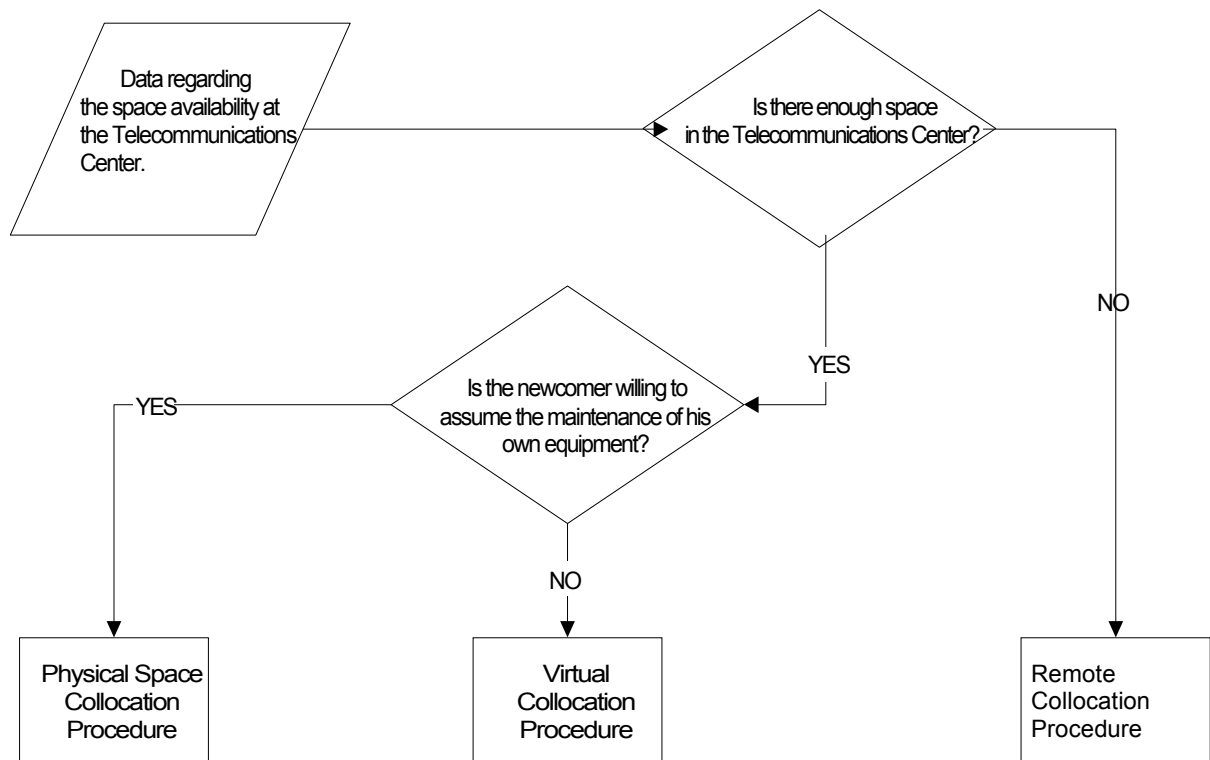
1.13. In any case, OTE provides the Beneficiaries with equal spaces for Collocation as those provided for OTE's own services or to affiliated companies, with the same terms and time schedules.

2. TYPES OF PROVIDED COLLOCATION

2.1. The types of collocation OTE intends to provide, are:

- Physical Space Collocation
- Virtual Collocation
- Remote Collocation

2.1.1. In general, the choice for the type of Collocation is determined by the existence of available space or not, and by the Beneficiary's willingness to assume the maintenance of his own network equipment. This procedure is depicted in the generic diagram below:



In particular, the following apply:

2.2. Physical Space Collocation

2.2.1. For this purpose, a special area is available inside buildings that host Local Exchanges (according to the description of appendix I), so that devices can be installed there for the exclusive provision of the Unbundled Local Loop.

2.2.2. A connecting wire, which will provide access to Local Loops, will terminate -on OTE's responsibility- in this area, and in a common, for all Beneficiaries, distributor of OTE or in an independent one, or in a distributor installed by the Beneficiary.

2.2.3. Also in this area, OTE will provide the Beneficiaries with electrical power, air-conditioning, fire detection, fire protection etc., and facilities (according to the analytical description of Appendix I) to help maximize the utilization of available space for the provision of unbundled local loop services and to ensure equal management, with the reservation of a different agreement with the Beneficiary, by right of which the Beneficiary may wish to achieve better terms (time, charges) for the provision of the abovementioned facilities.

2.2.4. OTE may also provide - after a relevant commercial agreement - Backhaul Services, so that the Beneficiary's equipment is connected to the main network of OTE.

If the Beneficiary does not wish to be connected to the main OTE network, then OTE will lead the output of the Beneficiary's devices via optical fiber, to a convenient position in an external well on the pavement around the building's perimeter or, if the Beneficiary wishes, via a leased line to an area owned by the Beneficiary outside the OTE buildings, according to the procedures of OTE.

2.2.5 It is noted that all internal wirings will belong to OTE.

2.2.6 It is noted that for all abovementioned cases if the available space at the Central Distributor is not enough for the provision of service, the necessary spatial modifications will be done, where technically feasible.

2.2.7. The cost related to Physical Space Collocation is calculated according to the terms of the Decision EETT 211/3/16-3-2001, article 4, paragraph 6.

2.3. Virtual Collocation

In the case of virtual collocation, the Beneficiary's equipment is installed at OTE's premises by the Beneficiary, in cooperation with OTE. OTE will have the exclusive responsibility of good operation of the Beneficiary's equipment, and will assume its supervision and maintenance, and the Beneficiary will cover all expenses.

The Beneficiary will not have access to these areas, unless otherwise agreed with OTE.

The cost for the Beneficiary for the Virtual Collocation services is calculated according to the terms of the Decision EETT 211/3/16-3-2001, article 4, paragraph 7.

2.4. Remote Collocation

In the case of remote collocation, the Beneficiary installs his equipment in his own premises, which must be situated inside the coverage limits of the Local Exchange area, for it is necessary to minimize the total line length.

2.4.1. The interconnection between the Intermediate Distributor of the Beneficiary, and the Central Distributor, or the Outdoors Distributor of OTE, is done via a multi-paired wire of particular specifications that is used in OTE's network.

2.4.2. It is noted that for all abovementioned cases where the available space at the Central Distributor is not enough for the provision of service, the necessary

spatial modifications will be done, provided it is technically possible, on the Beneficiary's/Beneficiaries' who benefit from these actions, charge.

2.5. Connecting wires

2.5.1 The Connecting Wires consist of twisted pairs of metal wires between the Central or Outdoor OTE Distributor and the Intermediate Distributor of the Beneficiary. The supply of connecting wires by OTE includes their termination at the intermediate distributor and their maintenance, which burden the Beneficiary. It can, after a relevant request of the Beneficiary, include their testing, too. The cost of testing the Connecting Wires (if performed by OTE) can be included in the connection charge, as mentioned in Decision EETT 211/3/16-3-2001, article 4, paragraph 9.

2.5.2 In the case of physical space collocation of the Beneficiary with OTE, the Connecting Wire remains inside the OTE building (Internal Connecting Wire).

2.5.3. In the case of Remote Collocation, the Connecting Wire connects the Main or Outdoor OTE Distributor to the Intermediate Distributor at the Beneficiary's premises. For this purpose, the Beneficiary will need a Connecting Wire inside the OTE building (Internal Connecting Wire) and a Connecting Wire outside the OTE building (External Connecting Wire).

2.6. Internal Connecting Wire (ICW)

2.6.1. The ICW will preferably be a wire of 100 metal pairs.

2.6.2. The routing of the wire inside the OTE building is the exclusive responsibility of OTE. The required wires will be lead to the beneficiary's area by the most appropriate way, taking into account the conditions inside the Local Exchange of OTE.

2.6.3. In the case of physical space collocation, the ICW bridges the Central OTE Distributor (MDF) with the Intermediate Distributor (HDF) of the Beneficiary, which is situated in the collocation area inside the Local Exchange of OTE.

2.6.4. In the case of remote collocation, the ICW bridges the Central MDF or the Outdoor Distributor with the External Connecting Wire - ECW.

2.6.5 OTE will have access to the Beneficiary's collocation area in order to install and maintain the ICW, with the reservation of the Beneficiary's right to attend the works of OTE.

2.6.6. OTE will provide and maintain the ICW according to the technical specifications and quality characteristics that apply for OTE's own services or for affiliated companies.

2.7. External Connecting Wire (ECW)

2.7.1. The ECW is used to bridge the MDF, or the Outdoor Distributor, with the Intermediate Distributor of the Beneficiary, which is situated outside the OTE Local Exchange and inside its area limits.

To accomplish this, one end of the ECW is connected to an ICW at the OTE Local Exchange, or in the area of the Outdoor Distributor, whereas the other end terminates at the Intermediate Distributor at the Beneficiary's premises.

2.7.2. The supply and installation of the ECW can be done by OTE, in case there is available pipeline, on the Beneficiary's cost. The relevant cost is calculated according to the terms of the Decision EETT 211/3/16-3-2001, article 4, paragraph 9. In this case, the exact length of the ECW will be made known to the Beneficiary, after its placement is complete.

2.7.3 The Beneficiary - after a relevant agreement with OTE - must allow OTE access to his area, for the purpose of terminating and maintaining the ECW. The Beneficiary must ensure that the conditions inside the distributor area, where the ECW will terminate, are such as to allow the uninterrupted work of the OTE personnel.

2.7.4 OTE will provide and maintain the ECW according to the technical specifications and quality characteristics that apply for OTE's own services or for affiliated companies.

2.7.5 The minimum rental time for the ECW is 12 months. In case the Beneficiary asks for interruption of lease before the end of the abovementioned period - except in cases of interruption due to force majeure - the Beneficiary will be charged with 20% of the cost of use of the ECW for the rest of the lease period, up to the completion of 12 months. When calculating the above-mentioned amount, the time period up to those 12 months during which there is alternative exploitation of the ECW, is not taken into account.

2.7.6 In case the Beneficiary does not wish OTE to supply and install the ECW, then this will be done on the Beneficiary's responsibility. In this case, OTE is not in any way responsible for the manner of construction and termination at the side of the Beneficiary, as well as for any functional problems.

2.7.7 In this case, the Beneficiary will be responsible for the ECW reaching the precinct of the Local Exchange or the OTE Outdoor Distributor and OTE will be responsible for connecting it to an Internal Connecting Wire, which will terminate at the MDF or the Outdoor Distributor.

2.7.8 In the case both abovementioned wires (ICW and ECW) are placed on OTE's responsibility, these can make an integrated Connecting Wire. The same applies after a relevant agreement and in the case the ECW is placed by the Beneficiary.

3. QUALITY CHARACTERISTICS OF THE LINE

3.1. The necessary quality characteristics of the line are determined by the service the newcomer wishes to provide. The feasible line characteristics depend on the already installed technologies on the specific wire and the quality of the twisted pair.

More analytically, it is possible in the present phase, the technologies already installed to perform well, based on the specifications of the manufacturers, but future equipment installation for a newcomer could cause problems not only to the newcomer, but also to the services provided by OTE and the rest of the Beneficiaries.

3.1.1. With the reservation of the terms specified in the current agreement with the Beneficiary, the latter will use the pair provided with Unbundled Access, according to the rules regarding the certification and good operation of the line. The Beneficiary is obliged to avoid any unjustified disturbance to the installations of OTE and of other Beneficiaries.

3.1.2 In any case, according to the principle of non-discrimination, OTE provides service to the Beneficiaries with the same level of quality and the same terms that apply for OTE's own services or for affiliated companies.

4. CHARACTERISTICS - LIMITATIONS OF THE COLLOCATION EQUIPMENT

For the collocation of equipment at the Local Exchanges of OTE, the following principles and / or limitations will apply:

- 4.1. OTE will notify the Beneficiary about:
- The characteristics of the interface points of his network.
 - Critical parameters that cause malfunction to the OTE network and/or the other Beneficiaries' networks, and because of which OTE may interrupt the provision of service
- 4.2. Respectively, the Beneficiary must ensure that:
- The weight per square meter of the equipment being installed is within the permissible safety limits of the building, as specified in the

Technical Collocation Investigation that has been carried out for the specific area.

- Electromagnetic interference that comes from electrical appliances of the Beneficiary must not influence the function of the OTE equipment.
- The required electrical power for the equipment that will be installed by the beneficiary should not exceed the power limit that can be provided without interruption of the function of the OTE equipment, as specified in the Technical Collocation Investigation that has been carried out for the specific area.

4.3 The radio equipment and telecom Terminal Equipment used by the Beneficiary that falls under the categories of the Directive 1999/5/EC must fulfill all the requirements of this Directive. OTE may ask from the Beneficiary to produce a declaration of conformity of the equipment to this Directive.

4.4 The Terminal Equipment in use, which do not fall under the categories of the Directive 1999/5/EC must fulfill the registered Standards and specifications in the EU, or - in lack thereof- the standards and/or specifications set by European Organizations for Standardization [such as the European Telecommunication Standards Institute (ETSI), the European Committee for Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC)], the international Standards or the recommendations of the International Telecommunications Union or the national Standards and/or specifications, in this order.

4.5. Equipment of any type to be used by the Beneficiary, which does not fall under the regulations of Directive 1999/5/EC, must fulfill the requirements of the relevant European Directives and/or any relating laws.

In any case OTE must not pose any unjustified limitations, which may lead to abuse of OTE's dominant position.

5. ACCESS SECURITY

5.1. In case of physical space collocation, certain access procedures must be followed by the personnel of the Beneficiaries at the collocation areas, which are a matter of agreement between OTE and the Beneficiaries.

5.2. There will be a list of persons, authorized by the Beneficiaries to access the installations area. This list will be made known to OTE promptly, so that the security personnel at the OTE centers can be notified and the relevant access permission by OTE can be provided.

5.2.1. The confidentiality agreement between the Beneficiary and OTE binds all certified personnel of the Beneficiary who visits the area of installations.

5.3. OTE may choose to provide escort to the personnel of the Beneficiaries during their visits to the area of installations, when and where it considers that necessary.

6. PERSONNEL SAFETY

6.1. The Beneficiaries must follow the existing procedures for the safety of the equipment and the protection of the health of the OTE personnel.

6.2. Regarding issues of health protection, the collocation equipment should not endanger the health of the OTE workers in any way, nor the workers of the Beneficiary at the Local Exchanges.

6.3. According to the principle of non-discrimination and under the reservation of a different agreement with the Beneficiary, which might specify higher levels of safety for the Beneficiary's personnel, OTE is obliged to provide the Beneficiary's personnel with the same level of safety and in the same terms applied for OTE, or for affiliated companies.

7. INSTALLATIONS SAFETY

7.1. It is necessary to protect the installations of OTE against failures that may be caused by the Beneficiary's equipment.

7.2. In case of malfunction of the OTE network, which is evidently due to the Beneficiary, OTE will get a full refund for the costs of restoration of the failure and for possible losses due to interruption of the services given by OTE and to possible damages at the OTE and/or third party installations, as a result of this malfunction.

7.3. In the case of malfunction of the Beneficiary's equipment, or failure of the OTE network, which affects the services provided by the Beneficiary, and which evidently is due to OTE, the Beneficiary will be fully reimbursed (for the restoration costs of the abovementioned malfunction, as long as they burden the Beneficiary, and for losses caused by the interruption of the service provision, including any damage at its installations and/or at the installations of a third party), under the reservation of those terms specified in the Service Level Agreements between the OTE and the Beneficiaries.

7.4. The Beneficiaries' equipment should not violate any of the safety rules of the OTE areas (see also relevant appendix). These rules refer to protection against:

- Lightning
- Fire
- Power surges

- Earthquakes
- Floods

7.5. In the case the equipment to be installed disagrees with the planning for the abovementioned protection systems, the cost of the new system design will burden the Beneficiary or the Beneficiaries that benefit.

7.6 The insurance fee against risks is included in the monthly payment for collocation, according to the terms specified in Decision EETT 211/3/16-3-2001, article 4, paragraph 6, text d.

8. PROCEDURE FOR THE DISTRIBUTION OF THE COLLOCATION AREA

8.1. The Beneficiaries are served on a first come, first served basis according to the date of submission of the "Technical Collocation Investigation Application", depending on the capabilities of the available for this purpose space.

8.2. In case the technical collocation investigation carried out before any collocation is done reveals that the number of interested Beneficiaries exceeds the capacity of the OTE areas for Physical Space Collocation, OTE examines the possibility of area expansion, or the solution of Remote Collocation. The same applies for the case that the insufficiency of the Physical Space Collocation area appears later, due to raise in the demand.

8.3. If the available space and the alternative solutions prove insufficient, the EETT may intervene de jure, or after a Beneficiary's request, performing an inspection of the areas and identifying the difficulties that have arisen, in order to suggest the appropriate procedure for selecting among the Beneficiaries or for adjusting the offers accordingly to satisfy the maximum possible number of Beneficiaries.

8.4. In any case, OTE provides the Beneficiaries with equal spaces for Collocation as those provided for OTE's services or for affiliated companies, with the same terms and with the same time schedules.

9. INFORMATION SYSTEM

9.1 The maintenance system for the subscriber's network and the billing system are information systems of OTE related to the subject of disengagement of the local loop.

9.1.1. Both systems are stand-alone and do not communicate with each other or with other systems.

9.1.2. Both systems are in the process of redesign and implementation on a different platform, with a more "open" architecture

9.2. Any application submitted by the Beneficiaries for access to data of the abovementioned information systems, will be examined separately.

9.3. In any case, OTE provides the Beneficiaries with equal access to the information systems as that provided for OTE's services or for affiliated companies, with the same terms and the same time schedules.

APPENDIX I: PHYSICAL COLLOCATION SPECIFICATIONS

1. GENERAL

The dimensions of the available space for physical space collocation in a Local Exchange (LEX), differs according to the LEX's capabilities. OTE will try to ensure that this space permits the direct access of the Beneficiary' s personnel, and also, that it contains the necessary infrastructure for the required provisions and amenities.

A specific standardized space of two - or multiple of two - racks, placed back to back, will be provided from the available space of OTE for the installation of equipment of the Beneficiary, with the reservation of a different agreement with each Beneficiary.

2. SPACE CONFIGURATION

Space Dividers:

The available space for the installation of the Beneficiary's equipment, which will be free of any other use, will be divided from the rest of the space with dividers made of double fire-resistant gypsum board 12.5 x 2 = 25 mm at each side, with rock wool in the middle, 5 cm thick and 40 kg/m³ in weight, and with an appropriate galvanized metal frame of inverted U shape, every 40 cm.

The divider will have fire-resistance of at least 60 minutes.

The dividers will be placed from the concrete floor up to the ceiling, so that the area will be an independent fire compartment.

The walls and dividers are painted with plastic paint.

2.1. Floors: A false floor for the wiring will be installed, which will have similar Technical Characteristics to one of the two types used at the digital centers of OTE.

In case no false floor is needed, a linoleum carpet will be placed on the floor, 2.5 mm thick, with the same resistance as the false floor.

2.2. Ceilings: A false ceiling will be placed, made of fire-resistant mineral fiber plates, with a standard suspension system.

Appropriate fluorescent lights will be incorporated on the false ceiling.

The clear height of the room (below the false ceiling) will be specified after negotiations with the Beneficiaries, according to the dimensions of the space.

2.3. Doors: The doors to the formatted space will be 90-mins fire-resistant doors with a certificate from a competent authority, according to the fire safety regulation.

The access to the area will be permitted only with a magnetic control card.

2.4. Door frames: If there are any external door frames, these will be sealed with double glass panels of 5-10-15 mm.

The old glass windows will be replaced with new, according to the specifications of the technical investigation, which will be carried out.

2.5. Protection of the Equipment Against Earthquakes: The equipment that will be placed in the area will have protection against earthquakes (support from the ceiling and floor, according to the specifications of the technical investigation for the racks).

3. RACKS

The racks for the placement of the Beneficiary's equipment, will be standardized according to ETSI ETS 300 119.

4. DISTRIBUTOR BRIDGES

The distributor to be installed will be bridged with the horizontal side of the central OTE distributor (MDF) with an appropriate wire of the required capacity. All pairs provided to the Beneficiary via the unbundled access will be interconnected at the horizontal side of the central OTE distributor. The interconnection will be done using an interconnecting wire of appropriate color, whereas the cord terminal strips of the unbundled pairs will be labeled with appropriate connectors.

5. ELECTRICAL POWER

OTE will provide - if able (taking into account the necessary back-ups) - AC voltage from the main Public Power Corporation (DEI) network or via Power Generators in the case of interruption.

With the reservation of the present document's regulations, the requirements for electrical power, meaning the power supply by the Public Power Corporation and the Power Generators, are taken into account in the initial collocation investigation and the relevant cost burdens the Beneficiaries, according to the terms specified in the Decision EETT 211/3/16-3-2001, article 4, paragraph 6, texts a and b.

The ability to provide uninterrupted voltage via a UPS system, will be possible only in the LEX where there is sufficiency of uninterrupted power, and the cost will burden the Beneficiary.

Initially, OTE does not intend to provide a DC supply system. If this is requested, it will be examined separately, taking into account the availability of this service. The supply cost will burden the Beneficiary.

The setup of the electrical panel will depend on the load requirements.

A special earthing bar will be allowed in the space, which will be connected to the building's earthing system.

6. AIR-CONDITIONING

The air-conditioning equipment to be installed is equivalent to that provided for the digital centers of OTE ("exact" or "closed" control systems, Set point: temperature 24°C, humidity 45%).

Alternatively, after a relevant request of the Beneficiary, and an agreement with OTE, common air-conditioning systems can be used. In this case, OTE is not responsible if the Beneficiary's equipment fails due to interruption or failure of operation of the air-conditioning systems installed by OTE.

7. FIRE DETECTION

OTE is willing to install an independent fire detection system inside the provided space, the signaling of which, will be routed to a central console of the building, or wherever requested via the administration system.

8. FIRE EXTINCTION

There will be portable extinguishers in the space.

9. LIGHTING

The mean luminous intensity in the area will be equivalent to that of the OTE digital centers (approx. 300 Lux on the floor).

APPENDIX II: PRIVATE CONFIDENTIALITY AGREEMENT

Today, in Athens, on the _____ of the year..... between on one hand the HELLENIC TELECOMMUNICATIONS ORGANIZATION (OTE), under the title of OTE SA, which is based in Athens (Kifissias 99, Maroussi 15124) and is legally represented for the present contract by, who signs this contract and will be mentioned hereby as "OTE", and on the other hand, the company under the name....., which is based on,street and is legally represented for the present contract by Mr., who signs this contract and will be mentioned hereby as "COMPANY", the following were mutually agreed:

The COMPANY has already showed interest for the agreement of Unbundled Access to the Local Loop (UALL) of the OTE network, and with the signing of all main and subsequent contracts they will set and regulate the terms and conditions of this agreement.

During these negotiations, both OTE and intend to disclose to each other confidential and classified information regarding the practice of business, which relates to the forthcoming cooperation between them.

In view of the above, the COMPANY promises and guarantees that, during the entire duration of cooperation between the COMPANY and OTE, the COMPANY will not disclose to any third party and will not use in any way for its benefit or for any other purpose except the implementation of the UALL, secrets or information regarding the organization of the network, the locations of the central distributors and their geographical coverage, the function, the services, the products, the copyright or any other rights and the clientele of OTE.

OTE promises and guarantees, that, during the entire duration of cooperation between OTE and the COMPANY, OTE will not disclose to any third party and will not use in any way for its benefit or for any other purpose except the implementation of the UALL, secrets or information regarding the organization of the network, the locations of the central distributors and their geographical coverage, the function, the services, the products, the copyright or any other rights and the clientele of the COMPANY.

The parties promise and guarantee that they will take any necessary measures to ensure the observance of the abovementioned commitment, not only by their directly involved employees, but also by any external collaborator or any other person that acts on their behalf towards the implementation of the agreement.

The parties also agreed that, exception to the abovementioned term of confidentiality can only be the case where any data or information is

communicated to third parties after the written consent by both contracting partners.

In the case where any of the contracting parties breaches the abovementioned obligation for the observance of confidentiality by negligence or by deceit, this party will be liable against the other for every damage that the other party may sustain due to the abovementioned breach.

The companies acknowledge that the disclosure of confidential information between them does not comprise a proposition for cooperation between them nor does it create a basis for any other agreement between the parties. The parties agree that, except in the case a definite agreement is signed between them, no party will have the obligation for any type of future cooperation by the present document.

In the case the parties do not proceed with the cooperation, the parties are obliged to stop immediately any use of the confidential information, which have been known to them and to return or destroy all abovementioned information, including copies or other documents and data that contain or incorporate these confidential information.

The present agreement falls, for its interpretation and execution, under the Greek Law, and the Courts of Athens are the competent authorities to resolve any difference that might arise.

The present agreement document was edited in two original copies and each of the contracting parties received one.

THE CONTRACTING
PARTIES

For OTE

.....

For the Company

.....

APPENDIX III: MEASUREMENTS THAT CAN BE PERFORMED BY OTE AT THE LOCAL LOOP

Line control measurements (earth, connection, contact, interruption control)

1. Measurement of insulation resistance between a-earth, b-earth and between a-b (up to 10M Ω)
2. Measurement of capacitance between a-earth, b-earth and between a-b (up to 5 μ F)
3. Ringing the subscriber

Data line measurements (measurements between two points on transmitting level of 0 dbm)

1. Overall loss for frequencies from 0.3-3 KHZ
2. Group delay distortion for frequencies 0,3-3Khz
3. Characteristic impedance at 1000 Hz
4. Near-end crosstalk (next) damping with terminating resistor of 600 Ω and at 1000 Hz
5. Impulse noise with transmitting level of 0 db for wire lines, 8.7 db for old levels, 4 db for new C/S levels and PCM for the M-1020 max 18 impulses in 15 min
6. Psophometric noise with transmitting level as with the previous paragraph, for the M-1020 noise level 52 dbmop

Analog measurement for 2 Mbps ISDN-PRA, HCOM via HDSL

1. Level at frequencies 200 Hz to 150 KHz control of transmitting-receiving with the loop at the client or the central distributor or from end to end
2. Noise at 1020 Hz
3. Impulse noise
4. Near-end crosstalk less than 60 db

Analog measurement for 2 Mbps (via LTE)

1. Damping at 1.024 MHz
2. Near-end crosstalk less than 60 db

When necessary, OTE undertakes the conduct of other measurements at the 2 Mbps lines, such as BER (Bit Error Rate) and synchronization measurements.

The abovementioned measurements are carried out after the application by the Beneficiary and at the Beneficiary's expense.

Additional measurements that may be requested can be performed, on the Beneficiary's charge, only if OTE has the appropriate devices for their completion.

APPENDIX IV: APPLICATION FORMS

1. MANIFESTATION OF INTEREST / APPLICATION FOR INFORMATION PROVISION FOR FULL UNBUNDLED ACCESS TO THE LOCAL LOOP
2. APPLICATION FOR TECHNICAL COLLOCATION INVESTIGATION
3. APPLICATION FOR PROVISION OF LOCAL LOOP

HELLENIC TELECOMMUNICATIONS ORGANIZATION

APPLICATION FOR TECHNICAL COLLOCATION INVESTIGATION

NAME:	TITLE:	
STREET:	NUMBER:	POSTAL CODE:
AREA:	PROVINCE:	
TAX NUMBER:	TAX OFFICE:	
FULL NAME OF THE REPRESENTATIVE:		
REGISTRY NO. OF THE TELECOM COMPANY, WHICH IS IN POSSESSION OF A LICENSE:		

DATA OF AUTHORIZED PERSON

NAME / SURNAME:	POSITION:	
TEL.:	FAX:	
EMAIL:		
STREET:	NUMBER:	POSTAL CODE:
AREA:	PROVINCE:	

OTE LOCAL EXCHANGE			
POSTAL ADDRESS	STREET	NUMBER:	POSTAL CODE:
	AREA	PROVINCE	

IF THE PHYSICAL SPACE COLLOCATION IN THE LEX _____ IS NOT POSSIBLE, ARE YOU INTERESTED FOR REMOTE COLLOCATION INSTEAD?	YES	NO
------------------------------------------------------------------------------------------------------------------------	-----	----

1. PHYSICAL SPACE COLLOCATION

A. Physical, electrical and environmental requirements of collocation area

A1. Quantity, type and characteristics of racks and equipment:

(Please fill up the attached A1)

A2. Description of the services to be provided *

A3. Maximum total AC load required (in KW)

A4. Maximum heat dissipation (in KW)

A5. Max/min allowed room temperature C°

Max

Min

A6. Max/min relative humidity

* Optional

B. Use of Main OTE Network		Number of systems	
YES/NO			
ATM connection			
	E1/34Mbits/.....Mbits		
Digital circuits			
POSTAL ADDRESS OF YOUR NODE	STREET AREA	NUMBER: PROVINCE	POSTAL CODE:
	NOTES		
C. Energy/ power			
C1. Number of sockets (230V ac) for the portable equipment of testing and diagnosis			
C2. Do you require a UPS?			
C3. Do you require back-up power? If there is no excess of power from the already installed OTE generators, are you willing to pay the cost of their upgrade?			
D. Access			
D1. Number of keys or access cards for Access Control System?			
E. Notes			

2. REMOTE COLLOCATION

A. Address where the intermediate distributor is installed			
POSTAL ADDRESS	STREET		
	NUMBER:	POSTAL CODE:	
	AREA	PROVINCE	
	FLOOR/ROOM NUMBER		

B. External Connecting Wires.

YES/NO

B1. Provision of external connecting wires by OTE?

B2. Characteristics of external connecting wire:

DIAMETER (mm)

NUMBER OF PAIRS

C. Notes

PLACE, DATE

NAME SIGNATURE/STAMP

HELLENIC TELECOMMUNICATIONS ORGANIZATION

APPLICATION FOR PROVISION OF A LOCAL LOOP

NAME:	TITLE:	
STREET:	NUMBER.:	POSTAL CODE:
AREA:	PROVINCE:	
TAX NUMBER:	TAX OFFICE:	
FULL NAME OF THE LEGAL REPRESENTATIVE :		
REGISTRY NO. OF THE TELECOM COMPANY, WHICH IS IN POSSESSION OF A LICENSE:		

DATA OF AUTHORIZED PERSON

NAME / SURNAME:	POSITION:	
TEL.:	FAX:	
EMAIL		
STREET:	NUMBER:	POSTAL CODE:
AREA:	PROVINCE:	

A. BENEFICIARY COLLOCATION INFORMATION

OTE LOCAL EXCHANGE WHICH WILL SUPPLY THE LOCAL LOOP:			
POSTAL CODE	STREET	NUMBER.:	POSTAL CODE:
	AREA	PROVINCE	
TYPE OF BENEFICIARY COLLOCATION IN THE OTE LOCAL EXCHANGE: (PHYSICAL SPACE/REMOTE/VIRTUAL)			
IS THE INSTALLATION OF CONNECTING WIRES COMPLETE?			

B. PROVISION OF INACTIVE LOCAL LOOP

END USER DATA		
NAME / SURNAME *:		
STREET:	NUMBER.:	POSTAL CODE
AREA:	PROVINCE:	
NUMBER OF INACTIVE LOOPS REQUESTED:		
IF THE END USER HAS TELEPHONE SERVICE BY OTE, PLEASE WRITE THE NUMBER OF TELEPHONE CONNECTION *: *Optional		

C. PROVISION OF ACTIVE LOCAL LOOP

NUMBER OF THE TELEPHONE CONNECTION SERVED BY THE LOCAL LOOP:		
NAME / SURNAME OF HOLDER OF THE TELEPHONE CONNECTION:		
STREET:	NUMBER.:	POSTAL CODE:
AREA:	PROVINCE:	

AUTHORIZATION - SOLEMN DECLARATION

I.....declare explicitly and clearly that I authorize the company..... as legally represented to act on my behalf for all appropriate actions to transfer the use of the twisted pair via which I receive telephone service by OTE with connection number....., to the company

I also declare that I acknowledge that the present authorization means the termination of my contract with OTE for the provision of telephone service via the abovementioned wire.

I also declare that I undertake the responsibility to pay the final bill that will be issued for the abovementioned telephone connection and which will include any unpaid debts and various fees (fixed usage fees, fees for other services) up to the date the abovementioned was terminated.

I also undertake the responsibility to return to OTE any terminal devices that belong to OTE and were installed in my area to support the provision of service.

The undersigned

PLACE, DATE

NAME SIGNATURE / STAMP

APPENDIX V: PRICES / PRICING METHODOLOGIES FOR FULL UNBUNDLED ACCESS TO THE LOCAL LOOP FOR THE YEAR 2001

The prices below are indicative for the Beneficiary and binding for OTE.

The acceptance of these prices does not lessen the RIGHTS of the BENEFICIARY against OTE in any way, by the application of the relevant law.

CONNECTION FEE FOR THE LOCAL LOOP AND THE INTERNAL CONNECTING WIRE	42,042 GRD (123.381 EUROS)
MONTHLY L.L. FIXED FEE	3,913 GRD (11.483 EUROS)
TERMINATION OF L.L. CONNECTION FEE	14,500 GRD (42.553 EUROS)
BACKHAUL SERVICES	THE LEASED LINES FEES APPLY, OR ANY OTHER WAY FOR THE REALIZATION OF THE CONNECTION
PREPARATION OF COLLOCATION AREA (INVESTIGATION, DIVIDERS, REMOVAL OF UNWANTED MATERIAL, ETC.)	THE RELEVANT FEE IS CALCULATED IN ADVANCE AND CHARGED ACCORDING TO THE PRICING AND INVOICING REGULATION, ARTICLE 4 Parag.6 a, b.
MONTHLY RENT FOR THE COLLOCATION AREA	IS CALCULATED FOR EVERY CASE ACCORDING TO THE COSTING AND PRICING PRINCIPLES REGULATION, ARTICLE 4 Parag 6c.
ELECTRICAL ENERGY/POWER	THE ELECTRICAL ENERGY/POWER CONSUMPTION WILL BE CHARGED ACCORDING TO THE PUBLIC POWER CORPORATION PRICING. ANY ADDITIONAL CHARGE WILL HAVE TO BE JUSTIFIED AS NECESSARY AND COST-ORIENTED.
INTERMEDIATE DISTRIBUTOR	ANY CHARGING OF THE BENEFICIARY WILL HAVE TO BE JUSTIFIED AS NECESSARY AND COST-ORIENTED.